Electronic Acknowledgement Receipt				
EFS ID:	4883866			
Application Number:	10570114			
International Application Number:				
Confirmation Number:	5284			
Title of Invention:	Compact thermal exchange unit of thermo-electric cooling mode using lpipe			
First Named Inventor/Applicant Name:	Dong Gyu Lee			
Customer Number:	20306			
Filer:	Nicole Ellison Lammers			
Filer Authorized By:				
Attorney Docket Number:	05-499-B			
Receipt Date:	02-MAR-2009			
Filing Date:	06-NOV-2006			
Time Stamp:	14:19:25			
Application Type:	U.S. National Stage under 35 USC 371			

Payment information:

Submitted with Payment	yes
Payment Type	Deposit Account
Payment was successfully received in RAM	\$490
RAM confirmation Number	10324
Deposit Account	132490
Authorized User	

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:

Charge any Additional Fees required under 37 C.F.R. 1.492 (National application filing, search, and examination fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.17 (Patent application and reexamination processing fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.21 (Miscellaneous fees and charges)

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1		D	124066	ves	7
'	Response.pdf	b56ade31c9d1a94a96d2lbib/607cbca9ef3 d697	yes	,	
	Multip	part Description/PDF files	in zip description	G 7.	
1	Document Description		Start	End	
	Amendment/Req. Reconsideration-After Non-Final Reject		1	4	
	Claims		2	4	
	Applicant Arguments/Remarks Made in an Amendment		5	4	
Warnings:					
Information:					
2 Extension of Time	Extension.pdf	589390	no	2	
		82bad42es96e798c1s273959s06cfc90ccd s527			
Warnings:					
Information:					
3 Fee Worksheet (PTO-06)	fee-info.pdf	29884	no	2	
		16c6e81b6c7fefec311de901d66efsaef9f06 245			
Warnings:			•		

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

Total Files Size (in bytes):

743340

New Applications Under 35 U.S.C. 111

Information:

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.